

O I P E

PTO/SB/08A (Modified)

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

MAY 19 1999

Complete if Known

Application Number	09/110,717
Filing Date	July 7, 1998
First Named Inventor	Mills
Group Art Unit	Unassigned 1745
Examiner Name	Unassigned KALAFET
Attorney Docket Number	62-226-8AC6

Sheet 1 of 16

## U.S. PATENT DOCUMENTS

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GROUP 1700

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number	Kind Code* (if known)			
OK		1,001,589		Hatfield	08-23-1911	
OK		2,708,656		Fermi	05-17-1955	
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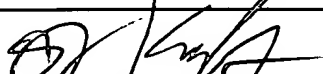
<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
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		Group Art Unit	<del>Unassigned</del> 1745		
Examiner Name	<del>Unassigned</del> KALAFIT				
Sheet	2	of	16	Attorney Docket Number	62-226-8AC6

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OK		4,568,568		Asano	02-04-1986	
OK		4,664,904		Wolfrum	05-12-1987	
OK		4,737,249		Shepard Jr.	04-12-1988	
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OK		4,968,395		Pavelle	11-06-1990	
OK		4,986,887		Gupta	01-22-1991	
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OK		5,318,675		Patterson	06-07-1994	
OK		5,372,688		Patterson	12-13-1994	

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			Examiner Name	<del>Unknown</del> KALAFY	
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)					
SK		WO	90/10935	A1	Pons	09-20-1990	X		
SK		WO	90/14668	A2	Cravens	11-29-1990			
SK		WO	91/01036	A1	Dufour	01-24-1991			
SK		WO	91/08573	A1	Bush	06-13-1991			
SK		WO	93/17437	A1	Bush	09-02-1993			
SK		WO	94/10688	A1	Dufour	05-11-1994			
SK		WO	94/14163	A1	McKubre	06-23-1994			
SK		WO	94/15342	A1	<del>McKubre</del> Crouch-Baker	07-07-1994			
SK		WO	95/20816	A1	Piantelli	08-03-1995			
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SK		EP	0 395 066	A2	<del>Matsushita Electric Ind.</del>	10-31-1990			
SK		JP	53-134792		<del>Ind. Res. Inst. Of Japan</del>	11-24-1978			X
SK		JP	56-136644		Hitachi	03-28-1980			X


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Examiner Name	Unknown KALAGT				
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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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OK		Albagli, et. al., "Measurement and Analysis of Neutron and Gamma-Ray Emission Rates, Other Fusion Products, and Power in Electrochemical Cells Having Pd 1990 - MONTH unknown	
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OK		Balke, et. al., "Limits on Neutron Emission From "Cold Fusion" in Metal Hydrides", Physical Review C, Vol. 42, No. 1, July 1990, pp. 30-37.	
OK		Benetskii, et. al., "An Attempt to Observe Cold Thermonuclear Fusion in a Condensed Medium", 4, May 1989, Nuclear Research Institute, AS USSR, pp. 75-78.	
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OK		Bush, et. al., "Power in a Jar: the Debate Heats Up", 88 Bus. Week, Science & Technology, Oct. 26, 1992.	
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OK		Hilts, "Significant Errors Reported in Utah Fusion Experts," The Washington Post, May 2, 1989, pp. A1 and A7.	
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<i>OK</i>		Maly, et. al., "Electron Transitions on Deep Dirac Levels I", ANS Reprint, Fusion Technology, Vol. 24, (Nov. 1993), pp. 307-318.	
<i>OK</i>		McNally, "On the Possibility of a Nuclear Mass-Energy Resonance in D + D Reactions at Low Energy", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 237-239.	
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OK		Miskelly, et. al., "Analysis of the Published Calorimetric Evidence for Electrochemical Fusion of Deuterium in Palladium", Science, Vol. 246, No. 4931, November 10, 1989, pp. 793-96.	
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OK		Oka, et. al., "D <sub>2</sub> O-fueled fusion power reactor using electromagnetically induced D-D <sub>n</sub> , D-D <sub>p</sub> , and Deuterium-tritium reactions-preliminary design of a reactor system", Fusion Technology, Vol. 16, No. 2, September 1989, pp. 263-267.	
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OK		Rees, "Cold Fusion...What Do We Think?", Journal of Fusion Energy, (1991), Vol. 10, No. 1, pp. 110-116. (MONTH UNKNOWN)	
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OK		Schrieder, et. al., "Search for Cold Nuclear Fusion in Palladium-Deuteride", Z. Phys. B-Condensed Matter, Vol. 76, No. 2, 1989, pp. 141-142.	
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OK		Shani, et. al., "Evidence for a Background Neutron Enhanced Fusion in Deuterium Absorbed Palladium", Solid State Communications, Vol. 72, No. 1, 1989, pp. 53-57.	
OK		Shaubach, et. al., "Anomalous Heat...Carbonate", Thermacore, Inc., pp. 1-10. (MONTH UNKNOWN)	
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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/110,717	
			Filing Date	July 7, 1998	
			First Named Inventor	Mills	
			Group Art Unit	Unknown 1795	
			Examiner Name	Unknown KALAFET	
Sheet	11	of	16	Attorney Docket Number	62-226-8AC6

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SK		Stein, "Theory May Explain Cold Fusion Puzzle", Lexis Reprint, Washington News, April 25, 1991.	
SK		Storms, et. al., "Electrolytic Tritium Production", Fusion Technology, Vol. 17, July 1990, pp. 680-695.	
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SK		Vaselli et al., "Screening Effect of Impurities in Metals: A possible Explanation of the Process of Cold Nuclear Fusion", 11 Nuovo Cimento Della Societa Italiana di Fisica, Vol. 11D, No. 6, June 1989, (Bologna, Italy), pp. 927-932.	
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			Examiner Name	<del>Unknown</del> KALAFUT	
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OK		Huizenga, abstract from "New developments in the cold fusion saga" Abstracts of papers of the American Chemical Society, Vol. 207 (March 13, 1994), page 6	

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OK		Dagani, "Cold fusion believer turned skeptic crusades for more rigorous research", C & EN (June 5, 1995) pp 34-35, 38 and 40	
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OK		Merriman et al., "An attempted replication of the CETI cold fusion experiment" pages 1-17 available at <a href="http://www.math.ucla.edu/~barry/CF/CETIX.html">http://www.math.ucla.edu/~barry/CF/CETIX.html</a> (DATE UNKNOWN)	
OK		"Italy-Cold Fusion & Judge's Verdict" (1996), pp. 1-3, available at <a href="http://www.padrak.com/ine/CFLIBEL.html">http://www.padrak.com/ine/CFLIBEL.html</a> (MAY)	
OK		Miller, Memo from Bennett Miller to Dr. Robert W. Bass, dated October 9, 1997, pp. 1-10	
OK		Morrison, "Cold Fusion Update No. 10, dated April 1, 1995, available at <a href="http://www.skypoint.com/members/jlogajan/files/morrison.txt">http://www.skypoint.com/members/jlogajan/files/morrison.txt</a> , pp.1-8	
OK		Shelton et al., "An assessment of claims of 'excess heat' in 'cold fusion' calorimetry", Thermochimica Acta 297 (1997), pp. 7-15	
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OK		Jones, "Serious Flaws in Patterson (SOFE '95) Demo on Cold Fusion", available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (OCT 1995)	
OK		Blue, "Cold Fusion Lies #6", pages 1, 2, available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (APRIL 1997)	
OK		Blue, "Randell Mills' sells pot shards" pages 1, 2, available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (APRIL 1997)	
OK		Briars, "Critique of "New Energy, New Physics" story, pp. 1-9, available at: <a href="http://x7.dejanews.com">http://x7.dejanews.com</a> (MARCH 1998)	

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		<del>Fusion Digest, "Cold Nuclear Fusion Bibliography", 1993</del>	
		<del>Fusion Digest, "Heat? Neutrons? Charged Particles?", 1993</del>	
		<del>Brodowsky, "Solubility and diffusion of hydrogen and deuterium in palladium and palladium alloys", Technical Bulletin, Engelhard Indust., vol. 7, no. 1-2 (1966), pp. 41-50.</del>	
		<del>Prop. to the United Press, "Theory May Explain 'Cold Fusion' Puzzle", 1991; Lexis Nexis Reprint</del>	

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		Group Art Unit	Unassigned
Examiner Name	Unassigned <i>KALAFET</i>		
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<i>OK</i>		Vigier, "New Hydrogen Energies in Specially Structured Dense Media : Capillary Chemistry and Capillary Fusion," Proceedings of the Third Annual Conf. on Cold Fusion, Nagoya, Japan, October 21-25, 1992, H. Ikegami, Ed. Universal Academy Press., pp. 325-334.	
<i>OK</i>		Dufour, et. al., "Interaction of Palladium/Hydrogen and Palladium/Deuterium to Measure the Excess Energy Per Atom for Each Isotope," Fusion Technology, Vol. 31, pp. 198-209, March 1997.	
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<i>OK</i>		Rosenblum, "Four Interviews With Dr. Randell Mills on New Energy, New Physics", Re: (ise-I) Institute for Social Ecology Newsletter, Feb. 2, 1998.	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here is English language Translation is attached.

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	APPLICANT: <b>Randell L. Mills</b>	
	FILING DATE <b>07/07/98</b>	GROUP <del>Not Yet</del> <b>Assigned 1795</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
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	AB						
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## FOREIGN PATENT DOCUMENTS

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OK	AM	WO 92/10838	06/92	PCT	1	1	X	
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